

In the Claims:

Claims 1-2 (canceled).

Claim 3 (currently amended): A vehicle headlight assembly comprising:

a concave reflector having a focal ~~axis access in~~ and a focal point on said ~~axis access~~;

a light source located on said focal ~~axis access~~, said reflector having an opening aligned with said focal ~~axis access~~; said light source having a tubular conduit extending through said opening on the focal ~~axis access~~;

an electrical power means comprising:

an electric motor,

a pinion gear driven by said motor, and,

a rack having a first side fixedly connected to said conduit, said rack having a plurality of teeth for operable engagement with said pinion gear, said teeth orientated on a line that is acutely angled relative to the axis of said conduit, for movement of the tubular conduit in both horizontal and vertical directions;

said electrical power means ~~connected to said conduit~~ for moving said conduit on its axis through the plane of said opening, whereby said light source is moved toward or away from the reflector through an infinite number of positions between the high beam and the low beam positions; and,

a pivot support means for said reflector, whereby the focal ~~axis access~~ of the reflector is adjusted from a generally horizontal orientation to a downwardly-tilted orientation in response to the vertical movement of said conduit as the electrical power means displaces the tubular conduit ~~of moves~~ the light source from the high beam position to the low beam position.

Claim 4 (deleted).

Claim 5 (deleted).

Claim 6 (original): The headlight assembly of claim 3, and further comprising an annular seal between the tubular conduit and the opening in the reflector for preventing any migration of dirt or moisture through said opening.

Claim 7 (original): The headlight assembly of claim 3, wherein said reflector has a parabolic reflective surface facing the light source.

Claim 8 (original): The headlight assembly of claim 7, wherein said pivot support means is located on said focal axis.

Claim 9 (original): The headlight assembly of claim 8, wherein said pivot support means is located so that the focal point is between the pivot support means and the parabolic reflective surface.

Claim 10 (new): The vehicle headlight assembly of claim 32, and further comprising light source wiring extending within said tubular conduit.

Claim 11 (new): The vehicle headlight assembly of claim 3 further comprising a tube guide roller assembly for maintaining the teeth of said rack in mesh with said pinion gear.

Claim 12 (new): A vehicle headlight assembly comprising:

a concave reflector having a focal axis and a focal point on said axis;

a light source located on said focal axis, said reflector having an opening aligned with said focal axis; said light source having a tubular conduit extending through said opening on the focal axis;

an electrical power means comprising:

an electric motor,

a pinion gear driven by said motor, and,

a rack having a first side fixedly connected to said conduit, said rack having a plurality of teeth for operable engagement with said pinion gear, said teeth orientated on a line that is acutely angled relative to the axis of said conduit, for movement of the tubular conduit in both horizontal and vertical directions;

said electrical power means for moving said conduit on its axis through the plane of said opening, whereby said light source is moved toward or away from the reflector through an infinite number of positions between the high beam and the low beam positions;

a pivot support means for said reflector, whereby the focal axis of the reflector is adjusted from a generally horizontal orientation to a downwardly-tilted orientation in response to the vertical movement of said conduit as the electrical power means displaces the tubular conduit of the light source from the high beam position to the low beam position; and,

a guide roller assembly for maintaining the teeth of said rack in mesh with said pinion gear.